

Date: Sun, 7 Feb 93 20:09:16 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #184  
To: Info-Hams

Info-Hams Digest                      Sun, 7 Feb 93                      Volume 93 : Issue 184

Today's Topics:

Alinco DJ-580E mods?  
ALINCO DJ-580T Question  
ANS-036 BULLETINS  
ARRL DXCC Desk Backlog - 31 January 1993  
Ceramic/Porcelain Wire Antenna Insulators  
Daily Solar Geophysical Data Broadcast for 06 February  
DX Bulletin 7 ARLD007  
I got my license today ! (2 msgs)  
Lithium AA cells!!  
Need Foxhunt Photos from Southeastern U.S.  
RACES Bulletin #260  
Watertown MBTA  
Watertown MBTA---OOPS!!!!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: Sun, 7 Feb 1993 20:14:08 GMT  
From: usc!howland.reston.ans.net!bogus.sura.net!darwin.sura.net!  
newsserver.jvnc.net!gmd.de!Germany.EU.net!mcsun!news.funet.fi!ousrvr.oulu.fi!  
oulu.fi!vmp@network.UCSD.EDU  
Subject: Alinco DJ-580E mods?  
To: info-hams@ucsd.edu

I'm a happy new owner of the DJ-580E twin band handheld. BUT.

The receiver in European model covers only 144-146 and 430-440 MHz

(plus AM Air Band after the modification described in the manual).

Is there any easy modification to enable the frequency coverage of the U.S. model? R55-56-57 in LCD Unit look pretty suspicious.. :-)

As always, the local distributor is utterly clueless.

Thanks!

Vesa, OH8NKQ

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Date: Sun, 7 Feb 1993 20:37:58 GMT  
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!gatech!swrinde!ringer!  
lonestar.utsa.edu!dlaro@network.UCSD.EDU  
Subject: ALINCO DJ-580T Question  
To: info-hams@ucsd.edu

In article <C1zn67.JKK@icon.rose.hp.com> greg@core.rose.hp.com (Greg Dolkas) writes:

>Mine works just fine. S/N = 5494

>

>Greg KD6KGW

as does mine. David, KB5NZ

-----  
Date: 8 Feb 93 03:25:17 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: ANS-036 BULLETINS  
To: info-hams@ucsd.edu

SB SAT @ AMSAT \$ANS-036.01  
NEW DESIGN FOR PHASE-3D

HR AMSAT NEWS SERVICE BULLETIN 036.01 FROM AMSAT HQ  
SILVER SPRING, MD FEBRUARY 6, 1993 BID: \$ANS-036.01  
TO ALL RADIO AMATEURS BT

AMSAT-NA Vice President for Engineering Dick Jansson (WD4FAB) enthusiastically announces a major milestone in the Phase-3D project.

As was stated in November, the European Space Agency (ESA) informed AMSAT at a meeting in Europe, that it would not provide the interface which Phase-3D had been designed for over the past two years. This design

involved a conical section tapering from approximately 1920 millimeters (about 6.3 ft) to approximately 1200 millimeters (about 4 ft) in diameter. This conical section was supposed to be the central structural core of the Phase-3D satellite.

What ESA offered instead was a cylindrical section 2624 millimeters (8.6 ft) in diameter and 750 millimeters (approximately 2.5 ft) high, coupled with a 830 millimeter (approximately 32 inch) high conical section, which tapers to 1200 millimeters. This led WD4FAB to conduct an exhaustive series of design studies, including all-important thermal considerations. These pointed to a completely new design concept for Phase-3D, one employing a much smaller spacecraft carried inside the adaptor section and separating from it following its detachment from the Ariane launch vehicle, rather than using it as a central structural core.

It was not known, however, if ESA would support such a concept. But, on January 27, 1993 the answer came. In a meeting between Dr. Karl Meinzer DJ4ZC and ESA officials, an agreement was reached on the use of the separable configuration.

This means that detailed design of the structural and thermal aspects of the satellite can commence in earnest. WD4FAB is working full-time on the task and expects to have it completed by August.

This new design concept offers several advantages compared to the previous one and they are:

- 1) AMSAT is responsible for the design of only the cylinder and its bolt circles and this is considerably simpler than the conical structure that we had to design under the old concept.
- 2) ESA will be responsible for the conical portion of the adaptor section and the separation hardware between the cylindrical portion and the Ariane-5 vehicle.
- 3) A new 2300 millimeter (9 ft) diameter by 700 millimeter (27.5 inch) high Phase 3D spacecraft will reside inside the adaptor section. This makes for a significantly lighter satellite than under the previous concept in which the old conical adaptor section formed a part of the spacecraft's structure. This means that much less propellant will be required to get into the final orbit. With the new design approach, P3D is estimated to weigh only about 430 kilograms (about 950 pounds) including propellant as opposed to nearly 600 kilograms (over 1300 pounds) previously. It should be emphasized that this smaller spacecraft will be just as capable as the old one, in so far as providing amateur communications and supporting various other experiments. It is currently estimated, however, that the solar arrays will produce somewhat less power, about 730 watts compared with 870 watts for the old configuration.

4) The antennas, and most importantly the rocket nozzle, and in fact any other structural elements can protrude up to 400 millimeters into the conical section. This provides much more design latitude than under the previous approach.

As the program picks up momentum the need for funds grows apace. We invite all to carefully read President Bill Tynan's column in the new issue of the Amsat Journal regarding fund raising and the need for everyone to make a five year commitment to the P3D program.

/EX

SB SAT @ AMSAT \$ANS-036.02  
AO-13 OPERATIONS NET SCHEDULES

HR AMSAT NEWS SERVICE BULLETIN 036.02 FROM AMSAT HQ  
SILVER SPRING, MD FEBRUARY 6, 1992 BID: \$ANS-036.02  
TO ALL RADIO AMATEURS BT

#### AMSAT-NA Operations Net Schedule

AMSAT Operations Nets are planned for the following times. Mode-B Nets are conducted on AO-13 on a downlink frequency of 145.950 MHz and Mode-J/L on a downlink of 435.970 MHz.

Date	UTC	Mode	Phs	NCS	Alt
14-Feb-93	0200	J	56	N7NQM	W5IU
22-Feb-93	0300	B	32	WB6LLO	W9ODI
27-Feb-93	2300	B	82	WA5ZIB	WJ9F

Any stations with information on current events would be most welcome. In the unlikely event that either the NCS or the alternate do not call on frequency, any participant is invited to act as Net Control.

#### Slow Scan Television on Oscar 13

SSTV sessions will be held on Saturdays and Sundays (UTC) on the following frequencies:

Mode-J	Downlink 435.980 MHz
Mode-B after Mode-J	Downlink 145.960 MHz

OPS NETS will take priority, so look for SSTV activity immediately after the Net. SSTVer's are invited to join the net to make schedules at other times if desired.

/EX

SB SAT @ AMSAT \$ANS-036.03  
OSCAR WEEKLY STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 036.03 FROM AMSAT HQ  
SILVER SPRING, MD FEBRUARY 6, 1992 BID: \$ANS-036.03  
TO ALL RADIO AMATEURS BT

OSCAR WEEKLY STATUS REPORTS: 02/06/93

L0-19: Date: 02/06/93: The Bulletin Board System (BBS) aboard L0-19 has been working continuously and without interruptions for over 472 days. Please use PB.EXE version 910509m and PG version 910207r. On Mondays, expect to see the Broadcast Bulletin experiment active. [LU8DYF]

RS-10/11: Date: 02/06/93: RS-10 is active. Listen for the telemetry beacon on a downlink frequency of 29.357 MHz. RS-10 currently has strong downlinks signals. Conditions on 10M continue to favor Mode-A downlinks. The beacons were heard from horizon-to-horizon. The current set of keplerian elements is accurate to within a few seconds using Instant Track. [KB6BZZ @ WB6YMH]

RS-12/13: Date: 02/06/93: RS-12 is active. Listen for the telemetry beacon on a downlink frequency of 29.408 MHz. [KB6BZZ @ WB6YMH]

A0-13: Date: 02/06/93: The following was copied from A0-13's beacons:

QST \*\*\* A0-13 TRANSPONDER SCHEDULE \*\*\* 1993 Feb 08 - Mar 08  
Mode-B : MA 0 to MG 40 ! (  
Mode-S : MA 40 to MA 50 !<- Mode-S Transponder is on; Mode-B is OFF  
Mode-LS : MA 50 to MA 55 !<- Mode-S Beacon on & Mod-L Transponder  
Mode-JL : MA 55 to MA 70 ! Blon/Blat: 150/0  
Mode-B : MA 70 to MA 256 !  
Omnis : MA 170 to MA 15 ! Move to attitude: 180/0 on 08-Mar-93

Please don't uplink to Mode-B from MA 40- 50 because this interferes with Mode-S operations. A0-13's attitude is now approximately Bahn longitude 152 deg and Bahn latitude +2 deg (152/+2). For keen telemetry watchers, do not forget that A0-13 will start experiencing solar eclipses beginning 28-Jan-93. [VK5AGR]

A0-16: Date: 02/06/93: Operating normally with the new software. Using raised cosine transmitter. It seems that with recent element sets the sat is about a minute late. This is not observed this with other sats. [WH6I]

U0-22: Date: 02/06/93: Operating normally. There are 3 Earth Imaging System (EIS) files available to download for those interested. [WH6I]

K0-23: Date: 02/06/93: Operating normally with a very busy BBS. Lots of files and programs available to download. For the moment there seems to be a consensus that gateway message-traffic operations will remain on U0-22

and K0-23 will not have gateway operations. The majority of programs, technical notes, etc., have been on K0-23 for the past few weeks. [WH6I]

MIR: Date: 02/06/93: The following message was copied from the space station packet station:

Subject: GOOD BYE from CREW#12

Space Station MIR  
H=400km from Earth  
January 31 , 1993 .

Dear "Hams"!

Tomorrow we will have to return at the Earth...  
We wish to say good-bye to you and many thanks  
for your nice contacts.  
Your messages and voice was help us in the space!

We will be very happy to meet you again...  
...on the Earth...

GOOD BYE !!!

Crew #12 of Space Station MIR:  
flight commander - Anatoly Solovyev ,  
&  
flight engineer - Sergey Avdeyev .

73 ! U6MIR

Tomorrow (February 1,1993) PMS callsign will be R2MIR-1 .  
Crew #13 of Space Station MIR:  
flight commander - Gennadiy Manakov [U9MIR] ,  
flight engineer - Alex Poleshtshouk [R2MIR] .

[This MIR status report comes to the ANS bulletins from N6JLH & KD2BD.]

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly OSCAR status reports. If you have a favorite OSCAR which you work regularly and would like to contribute to this bulletin, please send in your observations to WD0HHU at his CompuServe address of 70524,2272, on INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO area, WD0HHU @ W0LJF.#NECO.CO.USA.NOAM. Also, if you find that the current set of orbital elements are not generating the correct AOS/LOS times at your QTH, PLEASE INCLUDE THAT INFORMATION AS WELL. The information you provide will be of value to all OSCAR enthusiasts.

/EX



Subject: Ceramic/Porcelain Wire Antenna Insulators  
To: info-hams@ucsd.edu

Does anyone know where to find the the old fashioned ceramic, ribbed,  
non-egg shaped insulators that used to be used for wire antennae? Is  
there anyone out there who sells them or would be willing to sell some?

Yours in plastic desperation,

Larry Gadallah, VE4TCP

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Date: 7 Feb 93 20:30:18 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Daily Solar Geophysical Data Broadcast for 06 February  
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 037, 02/06/93  
10.7 FLUX=183.8 90-AVG=136 SSN=190 BKI=1111 1101 BAI=002  
BGND-XRAY=B8.1 FLU1=1.4E+06 FLU10=1.0E+04 PKI=1211 1122 PAI=005  
BOU-DEV=006,008,005,006,009,006,004,006 DEV-AVG=006 NT SWF=02:058  
XRAY-MAX= M9.6 @ 1824UT XRAY-MIN= B6.0 @ 0723UT XRAY-AVG= C3.3  
NEUTN-MAX= +003% @ 2020UT NEUTN-MIN= -002% @ 2310UT NEUTN-AVG= +0.4%  
PCA-MAX= +0.1DB @ 2335UT PCA-MIN= -0.5DB @ 1555UT PCA-AVG= -0.0DB  
BOUTF-MAX=55415NT @ 1500UT BOUTF-MIN=55383NT @ 1831UT BOUTF-AVG=55406NT  
GOES7-MAX=P:+127NT@ 2015UT GOES7-MIN=N:+005NT@ 0836UT G7-AVG=+088,+027,+012  
GOES6-MAX=P:+139NT@ 2011UT GOES6-MIN=E:-009NT@ 1927UT G6-AVG=+099,+001,+039  
FLUXFCST=STD:170,170,175;SESC:170,170,175 BAI/PAI-FCST=010,010,015/010,010,010  
KFCST=2235 5311 2235 5312 27DAY-AP=028,018 27DAY-KP=2475 4311 1123 6433  
WARNINGS=\*MAJFLR;\*SWF;\*PROTON;\*PCA  
ALERTS==\*MAJFLR:M9.6/3B@1824,N12E26(7417);\*\*TENFLR:610SFU@1816,DUR=15MIN;  
\*\*MINFLR:M1.0/SN@1659,S13E54(7420);\*\*245STRM:0000-1340UTC  
!!END-DATA!!

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Date: Sun, 07 Feb 93 16:11:47 GMT  
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!  
cis.ohio-state.edu!mstar!n8emr!bulletin@network.UCSD.EDU  
Subject: DX Bulletin 7 ARLD007  
To: info-hams@ucsd.edu

=====  
| Automatic relayed from packet radio via |  
| N8EMR's Ham BBS, 614-895-2553 |  
=====



ZCZC AE33  
QST de W1AW  
DX Bulletin 7 ARLD007  
>From ARRL Headquarters Newington CT  
February 4, 1993  
Relayed by KB8NW/OBS & BARF-80 BBS  
To all radio amateurs

SB DX ARL ARLD007  
ARLD007 DX news

Thanks to Sigi, DL7U00, Lonnie, KA9W0N, the YCCC PacketCluster Network and the DXAC for the items in this week's bulletin.

BAKER AND HOWLAND ISLANDS. As of press time Thursday afternoon, EST, the AH1A crew is still awaiting transportation. Rough weather conditions has been the wrench in the gears. However, AH1A continues to be active with one station up and running, so catch them while you can.

THREE DXAC NEWS RELEASES. The ARRL DX Advisory Committee provides three news releases on February 4, details of which follow.

DXAC Considers additions to the DXCC Countries List

ERITREA

The DXAC is considering a petition to give current DXCC country status to this area that became a Province of Ethiopia in 1962. A popular vote for Eritrean independence is scheduled for April 1993. The DXAC awaits the results of that vote prior to their voting on DXCC country status.

CZECHOSLOVAKIA

The DXAC is studying the recent dissolution of Czechoslovakia. The present agenda item proposes to delete the DXCC country of Czechoslovakia and add the Czech Republic and the Slovak Republic as new DXCC countries. There is discussion of the political aspects of the division which could affect the agenda question. A DXAC vote will be scheduled soon.

In another release, the DXAC announces vote results

ABU AIL

The DXAC voted 10 to 6 to recommend deletion of these Red Sea Islands effective 31 March 1991, the date the Red Sea Lights Company

resigned from management of the lighthouses on some of the islands. It appears that Yemen administers at least some of the islands now. The islands no longer meet the DXCC Rules separation requirement.

#### TEMBOURG DISTRICT OF BRUNEI

The DXAC voted 16 to 0 not to recommend addition of this physically separate district of Brunei to the DXCC Countries List. The separation distance is significantly less than the 75 miles required by the rules.

And in a third release, DXAC seeks input on QSLing Practices

The DXAC is seeking worldwide input on suggested DXCC rules changes that would discourage abuses in the QSL process. Interested parties may submit examples of poor QSLing practices and suggested changes until 31 August 1993. Any change in the rules must be fair, enforceable and not place burden on ARRL, the DXCC Desk or the DXing community.

Your comments should be sent to ARRL DXAC, 225 Main ST, Newington CT 06111 USA.

COOK AND SAMOAN ISLANDS. Sigi, DL7U00, will be operating from ZK1 through February 15. Plans are to move on to 5W1 and KH8 between the 17th and 28th. This DXpedition will be a two station, high power affair on all bands with CW and SSB. QSL via DL7U00, ex-Y23U0, Sigi Presch, 0-1144 Berlin, Wilhelmsmuhlenweg 123, Germany.

CQ CONTEST CQ CONTEST CQ CONTEST. On tap for the weekend of February 6 and 7 are CW editions of the YL/ISSB QSO Party and North American Sprint. For more information on these operating events, Check January QST, page 115.

QSL ROUTES. Lonnie, KA9WON, handles QSL requests for 4N4XA, 4N4ANT and 4N4XX, and stateside only cards for 9A2PM, until standard mail service is restored.

NNNN

--

Gary W. Sanders gws@n8emr.cmhnet.org, 72277,1325  
N8EMR @ N8JYV (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]  
HAM BBS 614-895-2553 (1200/2400/V.32/PEP) Voice: 614-895-2552 (eves/weekends)

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Date: Sun, 7 Feb 1993 22:10:18 GMT  
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!gatech!ukma!  
miles@network.UCSD.EDU

Subject: I got my license today !  
To: info-hams@ucsd.edu

How bout posting your test date and recieve date so we can monitor the  
turnaround.

<still waiting> :(

-----  
Date: 8 Feb 93 01:45:24 GMT  
From: usc!howland.reston.ans.net!bogus.sura.net!udel!gatech!pitt.edu!edc3jr!  
sillett@network.UCSD.EDU  
Subject: I got my license today !  
To: info-hams@ucsd.edu

In article <C23Mx7.EtI@ms.uky.edu> miles@ms.uky.edu (Stephen D. Grant) writes:

%

%How bout posting your test date and recieve date so we can monitor the  
%turnaround.

%<still waiting> :(

I just got mine on Saturday....

Test date: 5 Dec 92, Pittsburgh, ARRL VEC

Effective date: Groundhog Day!

License received: 6 Feb 93

--- Bob, N30EA

--

Bob Sillett, N30EA  
Systems Analyst/Certified Novell Engineer (CNE)  
Epidemiology Data Center, University of Pittsburgh  
sillett@edc3jr.gsph.pitt.edu

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Date: Sun, 7 Feb 1993 23:38:19 GMT  
From: nntp.telebit.com!phr@uunet.uu.net  
Subject: Lithium AA cells!!  
To: info-hams@ucsd.edu

In article <C21JGC.LyC@panix.com> schuster@panix.com (Michael Schuster) writes:

Eveready has introduced a consumer-grade lithium AA cell labelled  
for photo and other high-current uses. It is billed to have three

times the capacity of alkaline cells and a 10-year shelf life. The L91 photo batteries cost about \$5 for a 2-pack. I saw them, of all places, in the photo department at K-mart. Has anyone tried these?

I'm curious about the 1.5V labelling, since I was under the impression that all prior lithium electrolyte mixtured yielded a terminal voltage of 3V. These are definitely 1.5V cells which are drop-in replacements for standard AA batteries ... though very expensive ones!

Popular Photography magazine has reviewed these cells. Eveready has developed a new kind of of lithium chemistry that gives cells of about 1.5 V (actually more like 1.6 or 1.7, but this shouldn't hurt anything since alkaline cells at the very beginning of their discharge curve have voltage that high). Supposedly, the total energy you get from the cell at high discharge rates is about 2x that of alkalines; however, at low discharge rate, it's about the same as alkaline. Thus, they're being sold mainly to the photoflash market, which discharges the cells at a high rate.

The other difference is that the discharge curve is flatter than that of alkaline cells, i.e. the voltage doesn't taper off as much as the cell is used up.

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Date: 8 Feb 93 00:16:47 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Need Foxhunt Photos from Southeastern U.S.  
To: info-hams@ucsd.edu

I'm trying to put together a photo-feature on foxhunting (=hidden transmitter hunting) for the SERA Repeater Journal. I have lots of photos from foxhunts in my area (Greensboro, NC) but would really like photos with some accompanying text from other regions served by SERA (the Southeastern Repeater Association, Inc.): KY, MS, NC, SC, TN, VA, WV, and GA.

If you have some good foxhunt photos, I'd like to hear from you. They should be of publication quality, and should tell a story or illustrate some feature of foxhunting (which, of course, includes the thrill of the chase). They would need to have captions, but if a story comes with them, that would be even better. Authors and photographers will get credits. First preference is black and white photos or color slides; second preference is color photos. But if you have a GOOD picture, don't worry about the format.

I need material in March. Also, if you're a photographer and know of a scheduled foxhunt by then, talk to me. Call, FAX, or email me.

steve - W3GRG  
mosier@uncg.bitnet  
mosier@iris.uncg.edu  
919-334-5878 (day/office)  
919-334-3140 (FAX)  
919-272-9660 (evenings/home)

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Date: Sat, 6 Feb 1993 14:40:36 MST  
From: usc!elroy.jpl.nasa.gov!swrinde!emory!sol.ctr.columbia.edu!destroyer!  
cs.ubc.ca!alberta!adec23!ve6mgs!rec-radio-info@network.UCSD.EDU  
Subject: RACES Bulletin #260  
To: info-hams@ucsd.edu

Bid : \$RACESBUL.260

From: W6HIR@KD6XZ.#NOCAL.CA.USA.NA  
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO  
INFO: ALL RACES OPERATORS IN CA (ALLCA: OFFICIAL)  
ALL AMATEURS U.S. (@ USA: INFORMATION)  
FROM: CA STATE OFFICE OF EMERGENCY SERVICES (W6HIR @ WA6NWE.CA)  
2800 Meadowview Rd., Sacramento, CA 95832 (916)262-1600  
Landline BBS open to all: (916) 262-1657  
RACESBUL.260 DATE: Feb. 8, 1993  
SUBJECT: OPS - More opportunities to use your RACES

Contrary to popular belief, it does not require a disaster, war, or even an emergency to use your RACES and other communications volunteers in government service. From the reports we received in the last thirty days, here are typical official duty activities by these volunteers:

- Maintaining personnel records, processing applications, preparing ID cards, taking ID photos.
- Antenna work party, installing communications equipment, maintaining communications equipment, driving government vehicles to pickup and deliver communications equipment, courier service, and drive and staff comm vans.
- Watching and reporting river rise readings during a storm.
- Forest fire communications.
- Reprogramming computers. Improving packet communications.
- Planning and conducting conferences and meetings.
- Hospital nets. Weekly net duties at the emergency management office.

- Writing and distributing information, training, and standard operating procedures.
- Training others. Self-improvement training.

In summary, there are many skills to use and opportunities to be met. While not all volunteers will participate in such activities, there are those who find such events rewarding and will serve with enthusiasm.

EOM

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RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races and can be retrieved using FTP.

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Date: 7 Feb 1993 16:02:03 -0600  
From: usc!cs.utexas.edu!not-for-mail@network.UCSD.EDU  
Subject: Watertown MBTA  
To: info-hams@ucsd.edu

>  
> GALEN STREET TRACKS TERMED A HAZARD

<ranting of NIMFYs deleted>

<my smart remark about the number of accidents also deleted>

>  
> "The street was not designed to handle this much traffic, and we need  
> two lanes into and out of Galen Street," McMahon said.  
>

Now I may be way off base here, but wouldn't restoration of the A line  
\*reduce\* the amount of traffic on Galen St. et al???

Peter Laws|GEnie:P.LAWS1| "Finally: one of our guys is |plaws@uafhp.uark.edu  
n5uwy@ka5bml.ar.usa.noam| driving the car"--Dennis Miller|plaws@uafsysb.bitnet

-----  
Date: 7 Feb 1993 16:12:00 -0600  
From: usc!cs.utexas.edu!not-for-mail@network.UCSD.EDU  
Subject: Watertown MBTA---OOPS!!!!  
To: info-hams@ucsd.edu

Sorry about the mis-post! It (obviously) should have gone to

rec.railroad. Any followups should go there if the subject matter  
interests you... 8-)

<enable flame port>

Peter Laws|GEnie:P.LAWS1| "Finally: one of our guys is |plaws@uafhp.uark.edu  
n5uwy@ka5bml.ar.usa.noam| driving the car"--Dennis Miller|plaws@uafsysb.bitnet

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End of Info-Hams Digest V93 #184

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